

ABSTRACT

The method for using matrix metalloproteinase ("MMP") inhibitors to prevent and treat Sinusoidal Obstruction Syndrome ("SOS"). In particular, the present invention provides a method of preventing and treating chemotherapy- and radiation-induced liver disease. This invention can be given prophylactically to patients who are receiving high dose chemotherapy and/or radiation and who are at risk for SOS or radiation-induced liver disease. This method may also be used to treat patients therapeutically who have developed SOS or radiation-induced liver disease. Because the development of chemotherapy or radiation-induced liver disease limits patient eligibility for several chemotherapeutic drugs, the present invention increases patient eligibility for many of these drugs.